

Title (en)  
CONTINUOUS CONVEYOR

Title (de)  
UMLAUFFÖRDERER

Title (fr)  
CONVOYEUR CONTINU

Publication  
**EP 3142947 A1 20170322 (DE)**

Application  
**EP 15726029 A 20150515**

Priority  
• DE 102014106956 A 20140516  
• EP 2015060782 W 20150515

Abstract (en)  
[origin: CA2949169A1] The invention relates to a closed continuous conveyor (1) for pallets (20), with an upper strand (2) and a lower strand (3), which form an upper and a lower conveyor path (4, 5), with reversing sections (6) which connect said two strands (2, 3) to each other and in which are arranged deflecting elements (7), at least one of which is connected to a motor (8) and is driveable by the latter, with traction elements (9) which circulate endlessly in the upper and lower strand (2, 3) and in the reversing sections (6), are in engagement in the reversing sections (6) with the deflecting elements (7) and are driven by the latter, and with at least one circulating pallet (20) which is carried along by the traction elements (6) and circulates therewith. According to the invention, it is proposed that at least one interlocking or friction element (30; 130; 230; 330) is fixed on the lower side (22) of the pallet (20), said interlocking or friction element coming into interlocking or frictional engagement in at least one of the reversing sections (6) with at least one second interlocking or friction element (50; 250; 350) which is arranged there and rotates about a fixed rotation axis (16), wherein the first and/or the second interlocking or friction element (30; 130; 230; 330; 50; 250; 350) has at least one elastic buffer component (36; 36, 37; 58) which yields when the first and second interlocking or friction elements (30; 130; 230; 330; 50; 350) strike against each other.

IPC 8 full level  
**B65G 17/00** (2006.01); **B65G 35/06** (2006.01)

CPC (source: CN EP RU US)  
**B65G 17/002** (2013.01 - EP RU US); **B65G 17/067** (2013.01 - RU US); **B65G 17/12** (2013.01 - CN); **B65G 17/34** (2013.01 - CN RU US); **B65G 17/48** (2013.01 - RU US); **B65G 19/02** (2013.01 - EP US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102014106956 A1 20151119**; BR 112016026691 A2 20170815; BR 112016026691 B1 20220315; BR 122019023212 B1 20210928; CA 2949169 A1 20151119; CA 2949169 C 20220712; CA 3063058 A1 20151119; CA 3063058 C 20220531; CN 106458453 A 20170222; CN 106458453 B 20191206; CN 110562665 A 20191213; CN 110562665 B 20220527; DE 202015009828 U1 20200625; EP 3142947 A1 20170322; EP 3142947 B1 20210414; EP 3560861 A1 20191030; EP 3560861 B1 20230705; EP 3560861 C0 20230705; ES 2880464 T3 20211124; HU E055459 T2 20211129; MX 2016014967 A 20170928; MX 357851 B 20180726; PL 3142947 T3 20211025; PT 3142947 T 20210714; RU 2016148449 A 20180621; RU 2016148449 A3 20180717; RU 2677735 C2 20190121; US 2017081126 A1 20170323; US 9758306 B2 20170912; WO 2015173406 A1 20151119

DOCDB simple family (application)  
**DE 102014106956 A 20140516**; BR 112016026691 A 20150515; BR 122019023212 A 20150515; CA 2949169 A 20150515; CA 3063058 A 20150515; CN 201580031330 A 20150515; CN 201910632019 A 20150515; DE 202015009828 U 20150515; EP 15726029 A 20150515; EP 19180397 A 20150515; EP 2015060782 W 20150515; ES 15726029 T 20150515; HU E15726029 A 20150515; MX 2016014967 A 20150515; PL 15726029 T 20150515; PT 15726029 T 20150515; RU 2016148449 A 20150515; US 201515311773 A 20150515